

AST Ascentia Marketing Specifications

	Ascentia 280M	Ascentia PS
Processor	Cyrix MMX™ enhanced MediaGX™ 200MHz On-board BGA	Intel® Pentium® II 366 or 400MHz Intel® Pentium® III 450, 500MHz Intel Mobile Module MMC2
Motherboard	Cyrix 5520 chipset, 66MHz FSB	Intel 440BX chipset, 66MHz FSB
Cache	16KB on-chip L1 0KB L2	32KB on-chip L1 256KB on-die L2
Memory	66MHz EDO DRAM, 1 SODIMM socket 32 or 64MB SODIMMs	66MHz SDRAM, 2 SODIMM sockets 32, 64 or 128MB SODIMMs
Max. Memory	64MB	256MB
Chassis	1 spindle 1.4"H x 10.9"W x 7.0"D 3.8lbs without external FDD & CD	3 spindle 1.8 "H x 12.2"W x 9.8"D 7.2lbs with FDD, CD & battery
Power Supply	Pocket sized AC Adapter; 100-240V NiMH battery; approx 2 hours battery life	Pocket sized AC Adapter; 100-240V Lithium Ion battery; approx 2.5 hours battery life
Video	128-bit	64-bit AGP
Graphics	On-board NeoMagic MagicGraph 128ZV+ with 2MB Video DRAM	On-board ATI Rage LT Pro with 8MB SGRAM Simultaneous LCD & external monitor

	Simultaneous LCD & external monitor display External monitor resolutions up to 1024 x 768, up to 256K colors	display External monitor resolutions up to 1280 x 1024, up to 16 million colors
LCD Display	8.0" DSTN LCD display	14.1" TFT LCD display, supporting up to 256K colors
MPEG-2	N/A	Hardware MPEG-2 decoder with Cyberlink player installed on systems with DVD-ROM
Sound	On-board XpressAUDIO™ 16-bit audio SoundBlaster-16® compatible Built-in stereo speakers	On-board ESS Maestro-2™ audio accelerator SoundBlaster-16® compatible 3D positional audio, 64 voice Wavetable and Spatializer™ support Built-in microphone and stereo speakers
Hard Drive	Removable 9.5mm EIDE drives; 2, 3, 4 or 6GB 4200 rpm, Ultra ATA 33 MB/s	Removable 12.5mm EIDE drives; 4, 6, 8, 10 or 18GB 4200 rpm; Ultra ATA 33 MB/s
Diskette Drive	External 3.5" 1.44MB diskette drive	Modular 3.5" 1.44MB diskette drive

Optical Drive	External 24X variable speed CD-ROM	Modular 24X variable speed CD-ROM or Modular 4X DVD-ROM
Communications	Built-in V.90 data/fax modem Optional 10/100BaseT Network PC Card	Optional V.90 data/fax PC Card modem or V.90 cellular ready PC Card modem or 10/100BaseT Network PC Card or Combo LAN + modem PC Card
Keyboard/Pointing Device	85-key Windows® keyboard; 2 mm travel, 19mm spacing Embedded numeric keypad in keyboard Pointing stick pointing device	87-key Windows® keyboard; 3mm travel; 19mm spacing Embedded numeric keypad in keyboard Built-in Touchpad pointing device
Optional Peripherals	Extra AC Adapter Extra battery Auto Adapter	Extra AC Adapter Extra battery Auto/Airline Adapter Port Replicator
BIOS	Phoenix BIOS	Phoenix BIOS
Ports & Connectors	Infrared (IrDA), PS/2, Parallel, Serial, Ext monitor	Infrared (IrDA & FIR), PS/2, Parallel, Serial, External monitor, 2 x USB, Audio line-in, Audio line-out, MIC-in, TV-out (S-video), Security lock slot
Expansion Bus	1 Type II PC Card	2 x Type II or 1 x

	slot, supports CardBus	Type III PC Card slots, supports CardBus and Zoomed Video
Factory-Installed Software	Microsoft WorksSuite	Microsoft WorksSuite 99 or Microsoft Office 2000 SB or No App SW
Anti-Virus Software	Not included	Computer® Associates InoculateIT PE
Factory-Installed Operating System	Microsoft Windows 98	MS Windows 98 SE